

### REMARKS

This Request for Reconsideration is in response to the Office Action of July 31, 2008 in which claims 1-22 were rejected.

In Section 3 beginning on page 2 of the Detailed Action, claims 1-22 are rejected under 35 U.S.C. § 103(a) as being unpatentable over *Bridgelall* (U.S. 6,717,516) in view of *Gunnarsson* (WO 01/39103). This rejection is similar to the rejection in Section 3 of the Detailed Action of September 25, 2007. At that time, the independent claims were somewhat different and so the rejection has been modified to fit the new text of the claims.

In the new action, the Examiner admits that *Bridgelall* does not teach controlling the at least one mixer to operate in both of the two modes, wherein the at least one mixer is useable for the transceiver operating as the RF tag reader or the Bluetooth transceiver. The Examiner points to *Gunnarsson* for teaching controlling the at least one mixer to operate in both of the two modes, pointing to mixer 27 of Fig. 2 and page 5, lines 22-26 (RFID) as well as page 6, lines 4-7 (BT) wherein the at least one mixer is useable for said transceiver operating as said RF tag reader or said Bluetooth transceiver (see page 5, lines 22-26) (RFID) as well as page 6, lines 4-7 (BT). Therefore, according to the Examiner, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the teachings of *Gunnarsson* to said device of *Bridgelall* in order to reduce the cost and hassle of carrying two separate devices.

However, the text pointed to by the Examiner does not state that the mixer is adapted to operate in both of two modes. Rather, in lines 26-30 on page 5, *Gunnarsson* teaches that since the Bluetooth radio 24 of Fig. 2 already has the processor 10, oscillator 4, antenna 5 and antenna 6 of the RFID read unit 1 of Fig. 1, the functions of these units 10, 4, 5 and 6 in Fig. 1 can be used with the added RFID mixer 27 for the RFID function, i.e., in place of a Bluetooth mixer that would be in the further radio part 24 of the mobile phone of Fig. 2. So, what *Gunnarsson* teaches is to have the Bluetooth radio part 24 use its own mixer for Bluetooth radio functions and to substitute the mixer 27 in its place for RFID functions. Therefore, the mixers are not adapted to operate in both of the two



modes. Rather, it is necessary according to *Gunnarsson* to add a mixer 27 so that the mixer 27 is used for the RFID function and another mixer in the Bluetooth radio part 24 is used in the Bluetooth function. There is no hint or suggestion that the processor 10 in Fig. 1 of *Gunnarsson* should be configured to adapt the transceiver to operate in two modes and to control the at least one mixer to operate in both of the two modes wherein the at least one mixer is useable for the transceiver operating as the RF tag reader or as the Bluetooth transceiver.

Therefore, if the subject matter taught by *Gunnarsson* were combined with the subject matter of *Bridgelall*, the subject matter claimed in claim 1 would not read on the combined subject matter of these two references. Therefore, a *prima facie* case of obviousness has not been made.

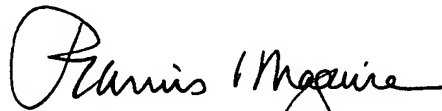
The same comments made above with respect to claim 1 apply equally to the other independent claims 5, 10, 11 and 14.

Regarding the Examiner's comments about "at least one" mixer being capable of an interpretation such as described in Section 5 on page 9 of the Detailed Action, the applicant has amended the claims to remove that limitation, without admitting that the Examiner's interpretation is correct.

Withdrawal of the obviousness rejection is requested.

The objections and rejections of the Office Action of July 31, 2008, having been obviated by amendment or shown to be inapplicable, withdrawal thereof is requested and passage of claims 1-22 to issue is earnestly solicited.

Respectfully submitted,



Francis J. Maguire  
Attorney for the Applicant  
Registration No. 31,391

FJM/mo  
WARE, FRESSOLA, VAN DER SLUYS  
& ADOLPHSON LLP  
755 Main Street, P.O. Box 224  
Monroe, Connecticut 06468  
(203) 261-1234